

Anjuta: /home/omar/01.cpp (Saved)

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Tags: main [2]

01.cpp

```
#include <stdio.h>
int main()
{
    int A=0,B=0;
    char c;
    float grade;
    do {
        for (int i = 1 ; i <= 50; i++)
        {
            printf("Enter The Grade of student %d : ",i);
            scanf("%f",&grade);
            if (grade > 85) A++;
            else if (grade > 75) B++;
        }
        printf("%d students got A , and %d got B",A,B);
        A=0; B=0;
        printf("\nAnother Process ? (Y/N) ");
        scanf("%s",&c);
        while (c == 'y' || c == 'Y');
        return 0;
    }
}
```

Building file: 01.cpp ...

g++ "01.cpp" -o "01"

Completed... successful

Total time taken: 1 secs

Terminal

```
File Edit View Terminal Tabs Help
Enter The Grade of student 21 : 73
Enter The Grade of student 22 : 75
Enter The Grade of student 23 : 85
Enter The Grade of student 24 : 86
Enter The Grade of student 25 : 81
Enter The Grade of student 26 : 64
Enter The Grade of student 27 : 71
Enter The Grade of student 28 : 8
Enter The Grade of student 29 : 65
Enter The Grade of student 30 : 20
Enter The Grade of student 31 : 44
Enter The Grade of student 32 : 100
Enter The Grade of student 33 : 96.5
Enter The Grade of student 34 : 94
Enter The Grade of student 35 : 55
Enter The Grade of student 36 : 5.3
Enter The Grade of student 37 : 44
Enter The Grade of student 38 : 82
Enter The Grade of student 39 : 75
Enter The Grade of student 40 : 76
Enter The Grade of student 41 : 80.5
Enter The Grade of student 42 : 99
Enter The Grade of student 43 : 43
Enter The Grade of student 44 : 85
Enter The Grade of student 45 : 96
Enter The Grade of student 46 : 94
Enter The Grade of student 47 : 100
Enter The Grade of student 48 : 55
Enter The Grade of student 49 : 12.3
Enter The Grade of student 50 : 86
16 students got A , and 10 got B
Another Process ? (Y/N) n

Program exited successfully with errcode (0)
Press the Enter key to close this terminal ...
```

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Tags: main [2]

01.cpp

```
#include <stdio.h>
int main()
{
    int A=0,B=0,C=0; char c;
    do {
        printf("Question : What is your favorite subject ? \n");
        printf("\tA. Mathematics\n");
        printf("\tB. Economics\n");
        printf("\tC. Programming\n");
        for (int i = 1 ; i <= 20; i++)
        {
            kk: printf("Enter The Choice of Student %d : ",i);
            scanf("%s",&c);
            if (c == 'a' || c == 'A') A++;
            else if (c == 'b' || c == 'B') B++;
            else if (c == 'c' || c == 'C') C++;
            else { printf("Please choose from the list\n");
                    goto kk; }
        }
        printf("%d students prefer Mathematics , \n
        and %d chose Economics , and %d chose Programming",A,B,C);
        A=0; B=0;
        printf("\nAnother Process ? (Y/N) ");
        scanf("%s",&c);
        while (c == 'y' || c == 'Y');
        return 0;
    }
}
```

Building file: 01.cpp ...

g++ "01.cpp" -o "01"

Completed... successful

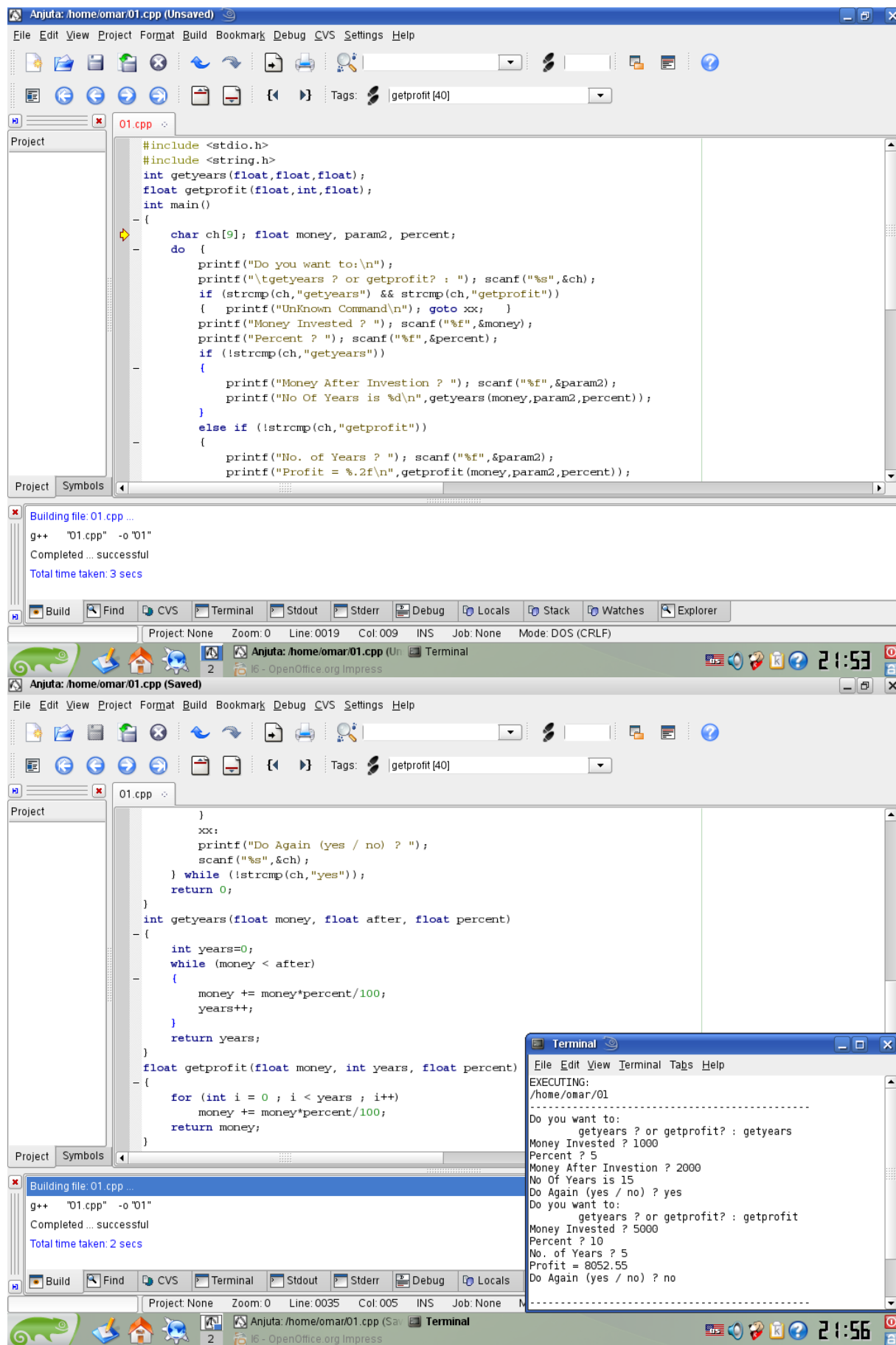
Total time taken: 2 secs

Terminal

```
File Edit View Terminal Tabs Help
EXECUTING:
/home/omar/01
Question : What is your favorite subject ?
A. Mathematics
B. Economics
C. Programming
Enter The Choice of Student 1 : A
Enter The Choice of Student 2 : A
Enter The Choice of Student 3 : A
Enter The Choice of Student 4 : C
Enter The Choice of Student 5 : C
Enter The Choice of Student 6 : V
Please choose from the list
Enter The Choice of Student 6 : B
Enter The Choice of Student 7 : C
Enter The Choice of Student 8 : C
Enter The Choice of Student 9 : C
Enter The Choice of Student 10 : C
Enter The Choice of Student 11 : A
Enter The Choice of Student 12 : A
Enter The Choice of Student 13 : B
Enter The Choice of Student 14 : C
Enter The Choice of Student 15 : C
Enter The Choice of Student 16 : C
Enter The Choice of Student 17 : C
Enter The Choice of Student 18 : A
Enter The Choice of Student 19 : C
Enter The Choice of Student 20 : C
0 students prefer Mathematics , and 2 chose Economics
, and 12 chose Programming
Another Process ? (Y/N) N

Program exited successfully with errcode (0)
Press the Enter key to close this terminal ...
```

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